EXPLANATION

ISOPACHS - Showing thickness of coal, in

STRUCTURE CONTOURS - Drawn on top of coal

bed. Solid where vertical accuracy within 40 feet; long dashed where vertical accuracy possibly not within 40 feet; short dashed where projected above ground surface. Contour interval 100 feet (31 m). Datum is mean sea level.

6401 0 16

DRILL HOLE - Showing altitude of top of coal bed, and thickness of coal, in feet.

FU[13] - Fort Union [13] FU[2] - Fort Union [2]

COAL BED SYMBOLS AND NAMES - Coal beds identified by bracketed numbers are not formally named, but are numbered for identification purposes in this quadrangle

TRACE OF COAL BED OUTCROP - Showing symbol of name of coal bed as listed above. Arrow points toward coal-bearing area. Short dashed where inferred by present authors.

TRACE OF FAULT - Bar and ball on down-thrown side. Dashed where inferred or approximately located.

TRACE OF AXIAL PLANE OF SYNCLINE

To convert feet to meters, multiply feet

6100----

feet. Isopach interval 1 foot.

PLATE 16 OF 20

SOUTHEAST BAGGS QUADRANGLE **UNITED STATES** WYOMING - COLORADO DEPARTMENT OF THE INTERIOR 7.5 MINUTE SERIES (TOPOGRAPHIC) **GEOLOGICAL SURVEY** 107°30′ 41°07′30″ R.91 W. R.90 W. 32'30" 10 12 11 15 17 16 13 15 14 21 22 20 19 05'00" 23 05'00" 22 NOTE: |Isopachs and structure contours | are not drawn beyond dotted lines | because of insufficient data. 28 29 27 30 25 32 31 33 35 T.13 N T.13 N. T.12 N. T.12 N. ---- 02'30" 02'30" 10 16 15 13 17 Isopach and structure contour map of the FU[13] coal bed 15 41°00′ 107°37′30″ 41°00′ 107°30′ R.91 W. 32'30" R.90 W Compiled in 1979 Base from U.S. Geological Survey, 1957 SCALE 1:24 000 1 KILOMETER This report has not been edited for conformity with U.S. Geological Survey editorial standards or stratigraphic nomenclature. WYOMING QUADRANGLE LOCATION

COAL RESOURCE OCCURRENCE MAP OF THE SOUTHEAST QUARTER OF THE BAGGS 15-MINUTE QUADRANGLE, CARBON COUNTY, WYOMING

BY DAMES & MOORE 1979

PLATE 16 ISOPACH AND STRUCTURE CONTOUR MAPS OF THE FORT UNION [2] AND FORT UNION [3] COAL BEDS